BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 11: International Pig Production
Learning aim(s)	**B** Carry out diet management and feeding practices during the production cycle to maintain health and production targets **C** Carry out routine husbandry of pigs during the production cycle to meet current welfare and husbandry standards
Assignment title	**Pig nutrition and routine husbandry**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working on a farm as a supervisor and you have been asked to document the management and routine pig husbandry processes that are required over the year. Planning for the year is important to ensure good welfare and getting a good return on the investment in the product. You must also complete feeding and diet management of pigs.
Task 1	**A** Produce a nutritional and dietary feeding plan covering the full production cycle of pigs, for a named breed, and one production system. Your plan must clearly show strategies for: • meeting nutritional requirements • a formulated ration for pregnant sows • feeding strategies; feeding and watering equipment • cleaning and maintenance of feeding and watering equipment • grazing management • weight gain and maintenance • common nutritional problems to identify. **B** Carry out feeding and diet management activities. You must keep a logbook that includes photographic evidence and observation records from your assessor, together with your review of the suitability of your approach, including recommendations for any changes or improvements. Provide a rationale for your views.
Checklist of evidence required	Nutritional planning document. Portfolio of evidence for feeding and diet management activities including: photographic evidence, observation records; review of practical activities completed.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria, you must show that you are able to:
B.D2	Demonstrate, with a high degree of accuracy, diet management and feeding of pigs to maintain health and production targets, evaluating the impact of nutrition and own feeding and diet management tasks.
B.M3	Analyse the impact that nutrition, diet management and feeding practices have on health and production targets.
B.M4	Demonstrate efficient feeding and diet management of pigs to maintain health and production targets.
B.P3	Explain the importance of diet management and feeding practices throughout the pig production cycle.
B.P4	Demonstrate competent feeding and diet management of pigs to maintain health and production targets.

Task 2	You will carry out correct routine management and husbandry during the pig production cycle, and show evidence of the following activities in your logbook: • routine feeding and watering • preparation of housing and environment • cleaning and biosecurity • maintaining environment, including ventilation, temperature, lighting, basic litter management • routine checks of health and welfare • health checking using indicators of good health • record keeping, including veterinary medicines book, record or births and deaths and husbandry records • routine pig husbandry • correct handling and care of adults and piglets • care during pre-farrowing and farrowing. You should produce written justifications for the practical activities completed and highlight areas of good practices and areas which need development.
Checklist of evidence required	Portfolio of evidence, practical activities logbook, observation records, written reports in logbook.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria, you must show that you are able to:
C.D3	Demonstrate, with a high degree of accuracy, routine husbandry of pigs to maintain health and production targets and meet requirements during pre-farrowing and farrowing.
C.M5	Demonstrate efficient routine husbandry of pigs to maintain health and production targets and meet requirements during pre-farrowing and farrowing.
C.P5	Demonstrate competent routine husbandry of pigs to meet health and production targets.
C.P6	Demonstrate competent routine husbandry tasks required during pre-farrowing and farrowing.

Sources of information to support you with this Assignment	**Books** Close, WH. Cole, DJA. (2000). *Nutrition of Sows and Boars*. Context Products. Muirhead, M R. Thomas, J L (1997). *Managing Pig Health and the Treatment of Disease: A Reference for the Farm*. 5m publishing. Smith, P. Crabtree, H. Bird, N. (2009). *Perfecting the Pig Environment*. Nottingham University Press. **Journals/Magazines/Websites** thepigsite.com